

## ABSTRACT

A method of forming a silica soot preform comprising:  
forming a primary soot preform on an outer periphery  
of a glass rod by a primary burner; and forming a secondary  
soot preform by a secondary burner on an outer periphery  
the primary soot preform, wherein a diameter of the primary  
soot preform is set to be ranged from twice to five times  
of a diameter of the glass rod, a thickness of the secondary  
soot preform is set to be range from 1.5 times to seven  
times of that of the primary soot preform. Consequently,  
the deposition rate with respect to the introduction  
of the raw material gas is considerably increased. Further,  
it is possible to maximize a performance of depositing  
the primary soot preform.